

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A centrifuge having a vertical axis of rotation and comprising:

a centrifugal drum having a feeding tube for material to be centrifuged;

outlet nozzles;

a recorder for generating an emergency off signal;

an emergency off system connected in front of the centrifugal drum, the emergency off system including a feeding system feeding particles into the centrifugal drum in response to ~~an~~ the emergency off signal; and

wherein the particles have a larger diameter than a diameter of the outlet nozzles, the particles plugging the outlet nozzles thereby permitting the centrifugal drum to come to a stop.

2. (Cancelled)

3. (Previously Presented) The centrifuge according to Claim 1, wherein the balls have a diameter which is at least 5% larger than a diameter of the outlet nozzles.

4. (Previously Presented) The centrifuge according to Claim 1, wherein the particles have a greater specific weight than a liquid phase of the material to be centrifuged.

5. (Previously Presented) The centrifuge according to Claim 1, wherein the particles, include at least one of rubber and plastic material.

6. (Previously Presented) The centrifuge according to Claim 1, wherein the particles, include dried solids.

7. (Previously Presented) The centrifuge according to Claim 1, wherein the feeding system includes a container for receiving the particles.

8. (Previously Presented) The centrifuge according to Claim 1, wherein the particles in the container are received in a carrier liquid.

9. (Previously Presented) The centrifuge according to Claim 7, wherein the container is constructed as a prestressed container.

10. (Previously Presented) The centrifuge according to Claim 1, wherein a valve is connected in front of the feeding tube.

11. (Previously Presented) The centrifuge according to Claim 10, wherein the valve is a normally open valve.

12. (Previously Presented) A method of implementing an emergency off system of a centrifuge, the centrifuge having a vertical axis of rotation and including a centrifugal drum having a feeding tube for material to be centrifuged, outlet nozzles and an emergency off system connected in front of the centrifugal drum, the method steps comprising:

providing an emergency off signal;

feeding the particles from a feeding system of the emergency off system into the centrifugal drum in response to the emergency off signal; and

wherein the particles plug the outlet nozzles.

13. (Previously Presented) The method according to Claim 12, wherein the particles are fed under pressure into the centrifugal drum.

14. (Previously Presented) The method of Claim 12, wherein the particles include balls.

15. (Previously Presented) The method of Claim 12, wherein the centrifugal drum includes a nozzle drum.

16. (Previously Presented) The centrifuge of Claim 1, wherein the centrifugal drum includes a nozzle drum.